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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT | ATTY DOCKET NO.<br>HSJ9-2003-0235US1 | SERIAL NO.<br>Unassigned 10/761,698 |
|  | APPLICANT<br>Hardayal Singh Gill     |                                     |
|  | FILING DATE<br>Herewith              | GROUP<br>Unassigned 2627            |

## U. S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER    | DATE      | NAME             | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|----|--------------------|-----------|------------------|-------|----------|-------------------------------|
| TC                  | AA | 6,313,973          | 11/6/2001 | Fuke             | 360   | 324.1    |                               |
| TC                  | AB | US 2002/0044398 A1 | 4/18/2002 | Sasaki et al.    | 360   | 324.12   |                               |
| TC                  | AC | US 2002/0055016 A1 | 5/9/2002  | Hiramoto et al.  | 428   | 692      |                               |
| TC                  | AD | 6,490,140          | 12/3/2002 | Mao et al.       | 360   | 324.11   |                               |
| TC                  | AE | US 2003/0049389 A1 | 3/13/2003 | Tsunekawa et al. | 427   | 569      |                               |
| TC                  | AF | 6,574,079          | 6/3/2003  | Sun et al.       | 360   | 324.2    |                               |
| TC                  | AG | US 2003/0161077    | 8/28/2003 | Kawawake et al.  | 360   | 324.1    |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|--|----|-----------------|------|---------|------|-------|----------|-----------------------|
|  | AH |                 |      |         |      |       |          |                       |
|  | AI |                 |      |         |      |       |          |                       |
|  | AJ |                 |      |         |      |       |          |                       |
|  | AK |                 |      |         |      |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |  |  |
|--|----|--|--|
|  | AL |  | "GMR Enhancement in Hybrid Spin Valves for CIP Geometries", Denis O'Donnell, Diedre O'Neill, Alan B Johnston, Intermag Europe 2002 BP MR-Based Heads I, BP17 |
|  | AM |  |  |

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|---|-------------------------------|
| EXAMINER<br>/Tianjie Chen/  | DATE CONSIDERED<br>07/05/2006 |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                               |